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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,276	11/25/2003	Akira Okitsu	1509.1038	4781

21171 7590 05/31/2005

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EXAMINER
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GILMAN, ALEXANDER

ART UNIT	PAPER NUMBER
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2833

DATE MAILED: 05/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/720,276	OKITSU, AKIRA	
	<b>Examiner</b>	<b>Art Unit</b>	
	Alexander D. Gilman	2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 17 February 2005 and 16 March 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-6 and 11-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-16 is/are allowed.
- 6) ☒ Claim(s) 11, 12 and 16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 11, 12, and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brindle et al in view of Ikeya et al.

Brindle et al (US 6,574,114) disclose a socket (col. 1, lines 6-10, col. 2, lines 29-31) for an electrical part which is mounted to a circuit board and in which an electrical part is mounted so as to be electrically connected to the circuit board, said socket comprising:

a contact sheet (26) disposed on the printed circuit board (32) and including an elastic body in form of a plate having first and second surfaces and having elasticity and an insulating property and a conductive portion (28) embedded in the elastic body, said conductive portion having first and second ends which are exposed to the first and second surfaces of the elastic body, respectively;

a land sheet (14) disposed between the contact sheet and the electrical part, said land sheet being composed of an insulating sheet having first and second surfaces on which first and second electrode portions (top and bottom portions of 16) are formed respectively to be electrically conductive to each other,

Brindle et al do not disclose an upper plate for guiding and ac mounted to the circuit board, said contact sheet and land sheet have end portions which are clamped and held between the plate member and the printed circuit board.

Ikeya et al (US 5,816,828) disclose at least one plate member (22) mounted to the circuit board (10), said contact sheet and land sheet have end portions which are clamped and held between the plate member and the printed circuit board.

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Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the electrodes of the flexible film being printed, as taught by Ikeya et al, to dependably fix the contact sheet and flexible sheet in the socket.

With regard to claim 12, Brindle et al when modified by Ikeya et al disclose (Ikeya et al) that the plate member (22) comprising upper (22) and lower (37) plates between which end portions of said contact sheet is clamped and held.

#### ***Allowable Subject Matter***

Claims 1-6, 13-15 are allowed.

No prior art has been found to anticipate or render obvious the presently claimed subject matter.

Specifically, none of the prior art of record discloses the combination of the limitations presented including the an upper plate for guiding and accommodation the electrical part, said upper plate being provided with a side wall section extending downward for positioning the end portions of the contact sheet and the end portions of the land sheet, (claims 1, 13), and the lower plate disposed between the circuit board and the contact sheet for clamping end portions of the contact sheet and end portions of the contact sheet between the upper and lower plates. the part (claim 1), the lower plate disposed between the circuit board and me contact sheet (claims 14, 15).

#### ***Response to Arguments***

Applicant's arguments filed 02/17/2005 have been fully considered but they are not persuasive, regarding claims 11, 16.

Applicants argue that Brindle when modified by Ikeya et al does not disclose that the prior art does not disclose or suggest "an upper plate for guiding and accommodating the electrical pad." However, as it shown in this office action, the above-mentioned prior art teach all of the limitations of claims 11, 12, 16. Claim 1, 13 were allowed not just for "an upper plate for guiding and accommodating the electrical pad" but also for the features of the upper plate being provided with a side wall section extending downward for positioning the end portions of the contact sheet and the end portions of the land sheet.


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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander D. Gilman whose telephone number is 571 272-2004. The examiner can normally be reached on Monday-Friday, 10:30 a.m. - 8:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on 571 272-2800 ext. 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

05/23/2005

  
**ALEXANDER GILMAN**  
**PRIMARY EXAMINER**